Year Three Maths Coverage 23/24

Number Place Value

PV1 Read and write numbers up to 1000 in numerals and in words	Autumn 1 Week 1
PV2 Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)	Autumn 1 Week 2
PV3 Identify, represent and estimate numbers using different representations	Autumn 1 Week 3
PV4 Compare and order numbers up to 1000	Autumn 1 Week 4 and 5
PV5 Solve number problems and practical problems involving these ideas.	Autumn 1 Week 6
PV6 Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given numberx	Autumn 1 and throughout the year in counting stick activity

Addition and Subtraction

AS1 Add and subtract numbers mentally, including: a three-digit number and ones, a three-digit number and tens and a three-digit number and hundreds	Autumn 1 Week 7 and Autumn 2 Week 1 and 2
AS2 Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction	Autumn 2 Week 3 and 4
AS3 Estimate the answer to a calculation and use inverse operations to check answers	Autumn 2 Week 5 and 6
AS4 Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.	Throughout Autumn 2

Multiplication and division

MD1 Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	Autumn 1 and throughout the year in counting stick activity
MD2 Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methodsx	Spring 1 Week 1,2 and 3
MD3 Solve problems, including missing number problems, involving multiplication and division,x including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.	Spring 1 Week 4

Measurement

M1 Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)x	Spring 1 Week 5
M2 Measure the perimeter of simple 2-D shapes	Spring 1 Week 6

Fractions

F1 Count up and down in tenths;x recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10	Spring 2 Week 1
F2 Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominatorsx	Spring 2 Week 2
F3 Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators	Spring 2 Week 3
F4 Recognise and show, using diagrams, equivalent fractions with small denominators	Spring 2 Week 4
F5 Compare and order unit fractions, and fractions with the same denominators	Spring 2 Week 5
F6 Add and subtract fractions with the same denominator within one whole for example, $5/7 + 1/7 = 6/7$	Spring 2 Week 6
F7 Solve problems that involve all of the above.	Spring 2 Week 4-Spring 2 Week 6

Measurement

M1 Add and subtract amounts of money to give change, using both £ and p in practical contexts	Summer 1 Week 1
M2 Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocksx	Summer 1 Week 2 and 3
M3 Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight	Summer 1 Week 4
M4 Know the number of seconds in a minute and the number of days in each month, year and leap year	Summer 1 Week 1-4
M5 Compare durations of events for example to calculate the time taken by particular events or tasks	Summer 1 Week 1-4

Geometry

G1 Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them	Summer 1 Week 5
G2 Recognise angles as a property of shape or a description of a turn	Summer 1 Week 6
G3 Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle	Summer 2 Week 1
G4 Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.	Summer 2 Week 2

Statistics

S1 Interpret and present data using bar charts, pictograms and tables	Summer 2 Week 3
S2 Solve one-step and two-step questions for example, 'How many more?' and 'How many fewer?', using information presented in scaled bar charts and pictograms and tables	Summer 2 Week 4